



# Hale Trailer Brake & Wheel

## 399001-399020



**HY-Cube**

Product : , , , ,

**GVWR**

GVWR: Trailer to meet 68,000 Pound GVWR  
 VIN PLATE: US - VIN Plate to Read in English (Standard)  
 \* Product Type: HT HyCube

**GEOMETRY**

Length - Exterior: 53'-0"  
 \*\* Length - Interior: 52'-6" Nominal Lining To Lining  
 Width - Exterior: 102.36"  
 \*\* Width - Interior: 101" Nominal Lining To Lining  
 Height - Exterior: 13'-6"  
 Height - Interior: 110" Nominal  
 Deck Height: Standard application  
 Fifth Wheel Height: 47"  
 King Pin Location: 36"  
 Landing Gear Location: 107" from King Pin (+ 1"/-1/4")

**TIRES & WHEELS**

Tire Furnished: Factory Furnished  
 \* Tire Manufacturer: Hankook TL21(G), Low Rolling Resistance Tire  
 Tire Size: 295/75R22.5  
 Wheel Furnish: Factory Furnished  
 Wheel Material: All Steel Wheel  
 Wheel Manufacturer: HT Standard (TCC 361)  
 Wheel Size: 8.25 x 22.5, 5-Hand Hole (Steel, Inner & Outer)  
 Wheel Finish for Steel: Powder Coated White Steel Disc  
 Wheel Finish for Aluminum: None (Due to All Steel Wheel Application)  
 \* Valve Stem & Cap: TR-572 Valve Stem for use w/PSI

**UPPER COUPLER**

Approach Plate: 1/4" thick 80,000 Lb Yield - 6 Support Channels  
 King Pin (BTM Main) Plate: 1/4" thick 80,000 Lb Yield  
 King Pin & Manufacturer: Standard (Jost) AAR Cruciform King Pin  
 \* Front Bottom Rail: Galvanized-Whole Upper Coupler section, w/ Pick-Up plate Striker Angle  
 Upper Coupler Tube Qt'y: (1) Tubing Application - Joggled

**BODY/BASE**

Forward Crossmember: Steel Hat Shaped Upper Coupler to Landing Gear : 12" C/L  
 Landing Gear Crossmember: 4" Steel I-Beams (80,000 PSI) : 12" C/L (5ea)  
 Bay Area Crossmember: 4" Steel I-Beams (80,000 PSI) : 12" C/L  
 Bay Area Crossmember Material: Steel Crossmember  
 Running Gear C/M Size: 4" High  
 Running Gear Crossmember: 4" Steel I-Beams (80,000 PSI) : 12" C/L with 8" C/L Last 3.4'  
 Slider Body Rail (VT): 208" Rail Length

**FLOOR**

Upper Coupler Type: 3.40" Joggled with Exposed Coupler Top Plate (New STD)  
 Floor Specification: 1.38" (1-3/8") Nominal Domestic Laminated Oak Hardwood  
 Floor Ratings - VT: 18,000 lbs Rated Floor per TTMA- Standard HT Dry Van Floor Rating

Floor- Assembly Method: Wood Floor Assembly  
Floor Screws: (3) 0.31" Dia. screws per Board on I beams  
Threshold-Finish: Hot Dip Galvanized  
Threshold Plate: 0.13" X 12" Deep Steel Diamond Plate w/ Screws and Nuts  
Threshold-Application: Standard Application

**FRONT**

\* Front Corner Radius: 4" Aluminum Cover Sheet  
\* Front Panel & Color - Dry: 0.05" Aluminum Prepainted Blue w/ natural color rivets. To Match Dupont, Medium Concord Blue Kenworth #L0346EB Non-Metallic  
\* Front Corner Mat'l - Dry: 0.05" Aluminum Prepainted & Match to Front Panel Material & Color  
Front Posts: (4) 2.5" Deep (16Ga) Steel Hats - Non AAR  
Gladhands: Phillips Qwik-E with Filters Control Line Only. Overlaid  
Front Receptacle(7-Way): Phillips 7-Way without Circuit Breakers, Split Pins with QCS plug  
Front Receptacle(7-Way) - Options: Phillips QCS Plug connector  
Gladhand/7-Way Location: Overlaid on Lower Roadside Front  
\* Corner Radius Protector: (2) 0.125" X 12" Alum Diamond Plate Each Side at Top

**SIDE**

\* Side Material: 0.05" Aluminum Prepainted Blue w/ natural color rivets. To Match Dupont, Medium Concord Blue Kenworth #L0346EB Non-Metallic  
\* Side Posts: 0.45" Deep 14 Gauge Galv Steel "A" Slotted Logistic Posts  
\* Side Post Centers: 16" C/L with 12" C/L @ Upper Coupler and Support Gear  
\* Side Top Rail: Shallow Post Side Top Rail  
\* Side Bottom Rail: Side Bottom Rail STD  
Fasteners to Bottom Rail: Standard Rivets to attach C/Members to the Side Bottom Rail

**REAR**

Rear Frame: Swing Door, 2" Shallow Header (with 1 Lock Rod Per LH & RH Door)  
Rear Door Opening Spec.: Standard Application  
Floor Level: Door to be Flush with Floor (STD)  
\* Door Type for Dry Van - SW: 0.5" Composite Swing Door. Galvanized Prepainted White Interior & Painted Blue Exterior Skin. Exterior Skin To Match Dupont, Medium Concord Blue Kenworth # XG-66215 Non-Metallic. Exterior to be painted not pre-painted  
\* Option - Door (Main Line): Install Standard Anti-Theft Hardware  
Option - Door Install Instruct: Standard Door Installation per Manufacturer's Recommendation  
Option - Door & Hardware: One(1) Rubber Door Bumper Standard (1" Deep) on Hinge of each Swing Door  
Hinges: Four (4) Aluminum Hinges per Door  
\* Additional Hinge Option: Additional One(1) Aluminum Hinge (Total 5 Per Door)  
\* Rear Underride Guard: 4" Tube Bolt on Assembly w/ Welded Perforated(Pooched) Horizontal. Rear Impact Guard (RIG) 30  
Option - Horiz Member/Other: Construction of two pieces standard stitch welding  
Underide Bolt Spec.: Zinc plated bolts & nuts - Standard  
Dock Bumper: Pair 3" X 6" Mold Bolted Bumper  
Rubber Bumper Location: Inboard of Light Protector Bars (Standard)

**LIFT GATE**

**ROOF**

Roof Panel: 0.040" Aluminum  
Roof Bow: 16 Gauge Galvanized Steel Anti-Snag  
Roof Bow Centers: 24" Centers Full Length

**LINING/SCUFF**

\* Side Lining: 0.235" HDPE Recycled Plastic Installed between Posts  
Front Lining: 0.25" Top and 0.5" Bottom plywood Mounted to Front Posts Full Height  
\* Base Side Scuff: 0.63" x 12" High White Recycled Plastic  
\* Mounting Method: Mounted Directly to Posts  
\* Front Scuff: 0.63" x 12" High White Recycled Plastic Mounted Over Lining to Front Posts (Overlaid)

**LANDING GEAR**

L/Gear Spec.: Jost HT421.G3.17.157 5 Year Warranty Full HDG  
L/Gear Mt'g Method: Inboard Mounting (Standard)  
L/Gear Shoes: 10" X 10" RCF (Removable Cushion Foot) Low Profile  
L/Gear Ground Clearance: Nom. 12" Ground Clearance  
L/Gear Mt'g Bracket: Hot Dip Galvanized Large Wing Plate  
L/Gear Crank Handle: Roadside  
L/Gear Options: None (HT STD)  
L/Gear Cross Brace Design: HT Standard Cross Brace attachment Design

**RUNNING GEAR**

Bogie Type: Sliding Tandem(2) Axle Bogie  
Axle Spacing: 49" Axle Spacing  
Axle ABS System: Tandem Axle w/2S1M ABS System  
Bogie & Axle Location: Location to be Sliding Tandem Axle for specified slider Length w/Stop Bars @ Front & Rear  
Option-Related Bogie Stopper Feature: STD plug stopper  
Susp. Manufacturer: Hendrickson  
Suspension Capacity: Standard Duty  
Hendrickson Susp. Specification: Hendrickson Vantraxx HKANT40K Air Ride  
Surelok (Anti-Dock): Surelok (Anti-Dock) Installed  
Locking Pin Mechanism: Air-Assist Pin Puller or Quik Draw  
Susp. Sub-Frame: Hendrickson K-2 STD Duty  
Type of Susp Spring: Air Bag  
Spring Specification: Air Bag  
Axle Supplier: Hendrickson  
Axle-General Spec.: Axle - Tandem (2) Axle included in Suspension (For 2S1M or 2S2M System)  
Axle-Track Length: 77-1/2"  
Axle-Spindle Type: Tapered Spindle  
Brake Lining Size: 16.5" X 7"  
Brake Lining Spec.: Hendrickson Extended Service (Abex-3030-197)  
Brake Control System: 2S/1M Wabco ABS  
Spring Brake Control: Sealco 110500 Springbrake Priority  
Brake Cont-Hose & etc.: Standard Air Line & Hose Application (US&Canada)  
Slack Adjuster Spec.: Gunite Auto-5.5", 28 Spline  
Brake Chamber Spec.: TSE 3030 Tamper Resist (HT standard)  
Stroke Length: MFG's Standard Stroke Length  
Hub Specification: HT Standard (KIC) 10 Stud Hub Piloted Outboard Iron Hub  
Drum Specification: HT Standard (KIC) Cast Drum  
Hub/Drum-Opt(Nut&Other): Standard  
Bearing Specification: Stemco  
\* Lubrication Spec.: Chev Delo (Syn) Grease  
\* Wheel Seals Spec.: Stemco Discover Seals, Hub Cap included in tire inflation system, Pro-Torq Nut  
\* Hubodometer: Stemco Hubodometer, Bracket Mounted, Reading in Miles  
\* Hubodometer Location: Roadside (LH) Front Axle  
\* Tire Inflation Spec.: Hendrickson Tire Maax Inflation System for Undressed Axle (This kit include Hendrickson Hub Cap for TireMaax)  
Tire Inflation Pressure: 100 PSI  
\* Tire Inflation Lamp Location: Indicator PSI Light at Roadside Mounted over corner radius. (STD location)  
\* Tire Inflation Lamp Spec.: 33 Series Lamp

**ELECTRICAL**

Harness-General Spec.: Molded Color Code Phillips Harness with QCS Plug  
Harness-Special Feature: Manufacturer's Standard Feature  
Front Light: (2) Trucklite 33275Y LED PC Rated Mounted with Grommet  
\* Rear ID Header Light: (5) Trucklite Dual Function 33204R LED (Cluster of 3 & 1 Each Outboard)

\* Rear ID-Special Feature: Dual Function Rear Header Lights - 3 Lamps at center with Marker & Stop functionality, 2 Lamps outboard with Marker & Turn functionality

Rear Side Marker Type(Shape): Mini Button Style Lamp

Rear Side Marker Detail Spec: (2) Trucklite 33275R LED PC Rated Flush w/ Grommet 33725 w/ anti-theft hardware

Rear Side Marker MT'G Location: Mounted on Standard Location on Rear Corner Post - HT STD

S/T/Tail Light-Quantity & Type: (4) Trucklite 40 or 44 Series (Round Style) or Equivalent

S/T/Tail Light-Detail Spec: (4) Trucklite 44322R LED (Super 44 Grey) Flange Mounted w/ Stainless Steel Rivets

Main Mid-Turn Light: Install the Mid turn lamp

Mid-Turn Mounting Method: Mounting Bracket

\* Main Mid-Turn Light-Detail Spec: (2) Trucklite 60272Y LED Gray Flange Mounted with Stainless Steel Rivets & Anti-theft brackets

ABS Light Detail Spec: (1) Trucklite 33275Y LED PC Rated w/ Grommet 33725 w/ anti-theft hardware

ABS Light MT'G Location: Mounted on Standard Location on Rear Corner Post - HT STD

License Light: (1) Trucklite 33010C LED

Option Related Harness/Wiring: Standard

Electrical Related Regulation: Standard Application

#### MARKING/DECALS

HT & Product Type Decal Package: Hyundai Logo & Product Type Decals Application(For not having pre-painted white panels for side/door/front, Apply white HT Corporate decals)

Decal Package: Factory Furnished Hyundai Information & Regulatory Decal Package with FMCSA Specified in Notes

Decal Opt 2-Decal Location: Standard Application

Decal Opt 3-Decal Installation: Standard Application

Conspicuity Vendor: Avery

Conspicuity Markings: Hyundai Standard Conspicuity with Logo Applied to Side Bottom Rail

License Plate: Temporary For Delivery. Fasten On HDG Mounting Plate

License Plate Brk't Install: Standard Install Location - Roadside Below Door Sill

Furnish Document Holder: Factory Furnished

Document Holder Detail Spec: (1) Phillips 16-802

\* Document Holder/Manifest Loc.: Overlaid on Lower R/S Front. 18" from the bottom of the front sheet between the front post & corner radius on the roadside

#### PAIN/FINISH

\* Upper Coupler Finish: Galvanized-Whole upper coupler section

\* Crossmembers Finish: HDG : ALL Steel Crossmembers including Hat C/M, L/G & Bogie Area (Except any Aluminum)

\* Axle & Components Finish: Black Undercoating

\* Susp. Sub-Frame Finish: Black Undercoating

L/Gear(K-Bracing) Finish: Hot Dip Galvanized

\* L/Gear(Upper Leg) Finish: Hot Dip Galvanized

Rear Frame-Finish: Hot Dip Galvanized

Rear Frame-Paint Color: None (For Galvanized or Stainless Steel)

Rear Underride-Finish & Spec.: Hot Dip Galvanized & Welded Horizontal Member

Rear Underride-Paint Color: None (For Galvanized or Stainless Steel)

#### MISCELLANEOUS

Mudflap Provider: Factory Furnished Mudflaps

Mudflap Specification: 24"x30" White Plain Plastic with Hyundai Logo

Mudflap Mounting Loc.: Suspension Frame

Mudflap Mounting: STD Location w/ H.D Washer Retainer

\* Lift Pad Spec.: Install HT Occasional use lift pads for delivery, with HYUZ decals

#### DISCLAIMER

Specifications are believed to be correct, but may contain errors and/or omissions. Photographs are the representative of the subject equipment but may not be identical. Equipment availability, prices and specifications are subject to change without notice.